

**Notice of Allowability**

Application No.

10/527,447

Applicant(s)

MIHASHI ET AL.

Examiner

Tuyen Q. Tra

Art Unit

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*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 10/11/2005.
2.  The allowed claim(s) is/are 1-27.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 0305
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

**DETAILED ACTION**

***Reason For Allowance***

1. Claims 1-27 are allowed.
2. Following is an examiner's statement of reasons for allowance:

The prior art taken either singularly or in combination fails to anticipate or fairly suggest the limitations of the independent claim(s), in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in independent claims 1 and 13, which include (claim 1) a correction-factor setting section for specifying a correction factor to be given to the image-data generation section; and a determination section for determining whether the specified correction factor is appropriate, according to corrected target retina image data generated by the image-data generation section and corrected by the correction factor specified by the correction-factor setting section, wherein the correction-factor setting section specifies the correction factor according to a result obtained by the determination section, and the correction-factor setting section changes the correction factor by the correction-factor setting section until the determination section determines that the correction factor is appropriate; (claim 13) a step of specifying a correction factor for generating the target retina image data; and a step of determining whether the specified correction factor is appropriate, according to corrected target retina image data generated in the step of generating the target retina image data and corrected by the correction factor specified in the step of specifying the correction factor, wherein the correction factor is specified in the step of specifying the

correction factor, according to a result obtained in the step of determining, and the correction factor is changed in the step of specifying the correction factor until it is determined that the correction factor is appropriate in the step of determining.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Frey et al. (US Patent 6,460,997 B1) disclose apparatus and method for objective measurements of optical systems using wavefront analysis comprising of a laser 12 for generating optical radiation used to produce a small-diameter laser beam 14, wherein the laser 12 generates a collimated laser light beam of a wavelength and power that is eye-safe; a laser beam 18 is a polarized beam that is passed through a polarization sensitive beam splitter 20 for routing to a focusing optical train 22 which optical train operates to focus the laser beam 18 through the optics of the eye 120 (e.g., the cornea 126, pupil 125 and the lens 124) to the retina 122; however, Frey et al. does not teach or fairly suggest a correction-factor setting section for specifying a correction factor to be given to the image-data generation section; and a determination section for determining whether the specified correction factor is appropriate, according to corrected target retina image data generated by the image-data generation section and

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corrected by the correction factor specified by the correction-factor setting section, wherein the correction-factor setting section specifies the correction factor according to a result obtained by the determination section, and the correction-factor setting section changes the correction factor by the correction-factor setting section until the determination section determines that the correction factor is appropriate.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuyen Q. Tra whose telephone number is 571-272-2343. The examiner can normally be reached on 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky L. Mack can be reached on 571-272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TT

March 15, 2007



RICKY MACK  
SUPERVISORY PATENT EXAMINER